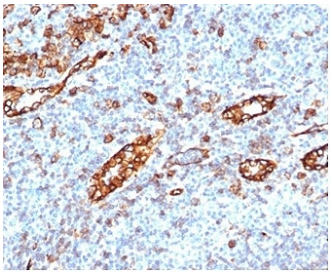
# Recombinant PECAM-1 Antibody C31/6446R / Recombinant CD31 Antibody [clone C31/6446R] (V9415)

| Catalog No. | Formulation | Size |
|---|---|---|
| V9415-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9415-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9415SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

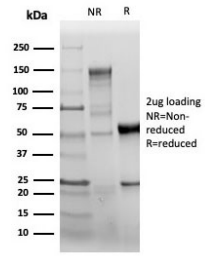
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | C31/6446R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P16284 |
| **Localization** | Cell Surface and Cytoplasmic |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml |
| **Limitations** | This Recombinant PECAM-1 Antibody C31/6446R is available for research use only. |



Recombinant PECAM-1 Antibody C31/6446R Immunohistochemistry Analysis. IHC staining of FFPE human tonsil tissue with recombinant PECAM-1 antibody (clone C31/6446R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free recombinant PECAM-1 antibody (clone C31/6446R).

## Description

Recombinant PECAM-1 Antibody C31/6446R detects CD31 (PECAM-1), a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experimental studies as well as for bone marrow transplantation. Anti-CD31 has shown to be highly specific and sensitive for vascular endothelial cells. Staining of nonvascular tumors (excluding hematopoietic neoplasms) is rare. CD31 MAb reacts with normal, benign, and malignant endothelial cells which make up blood vessel lining. The level of CD31 expression can help to determine the degree of tumor angiogenesis, and a high level of CD31 expression may imply a rapidly growing tumor and potentially a predictor of tumor recurrence.

For a Protein Microarray Validated monoclonal antibody with CD31 as the primary designation, see our CD31 Antibody PECAM1/3527 / PECAM-1 Monoclonal Antibody.

## Application Notes

Optimal dilution of the Recombinant PECAM-1 Antibody C31/6446R should be determined by the researcher.

## Immunogen

A portion of amino acids 28-330 from the human protein was used as the immunogen for the Recombinant PECAM-1 Antibody C31/6446R.

## Storage

Aliquot the recombinant PECAM-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

## Alternate Names

PECAM-1 antibody, PECAM1 antibody, Platelet Endothelial Cell Adhesion Molecule 1 antibody, PECA1 antibody, EndoCAM antibody, GPIIA antibody


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